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Changed chart(s) since Disc 22-2010

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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Timisoara, (Traian Vuia - LRTR)

REV	AIRPORT, AIRPORT INFO, TAK...	10-9	05 îñý 2010	18 îñý 2010
REV	PARKING STANDS & COORDS	10-9A	05 îñý 2010	18 îñý 2010
ADD	LOW VIS, STANDARD TAXI RO...	10-9B	05 îñý 2010	18 îñý 2010
ADD	STANDARD TAXI ROUTES (DE...	10-9C	05 îñý 2010	18 îñý 2010

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport LRTR

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(10-9/10-9A) Eff 1 JUL 10 Twy F renamed L and Twy O renamed F.

LRTR (Traian Vuia)**General Info**

Timisoara, ROU

N 45° 48.6' E 21° 20.3' Mag Var: 3.1°E

Elevation: 348'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: 100LL, Jet A-1

Time Zone Info: GMT+2:00 uses DST

Runway Info

Runway 11-29 11483' x 148' concrete

Runway 11 (107.0°M) TDZE 340'

Lights: Edge, ALS, Centerline

Runway 29 (287.0°M) TDZE 343'

Lights: Edge, ALS, Centerline, TDZ

Communications InfoATIS **123.125**Timisoara Tower **120.1**Timisoara Ground Control **121.6****Notebook Info**

LRTR/TSR
TRAIAN VUIA

JEPPESEN T
21 MAY 10 (10-2) Eff 3 Jun

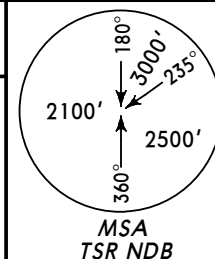
TIMISOARA, ROMANIA

STAR

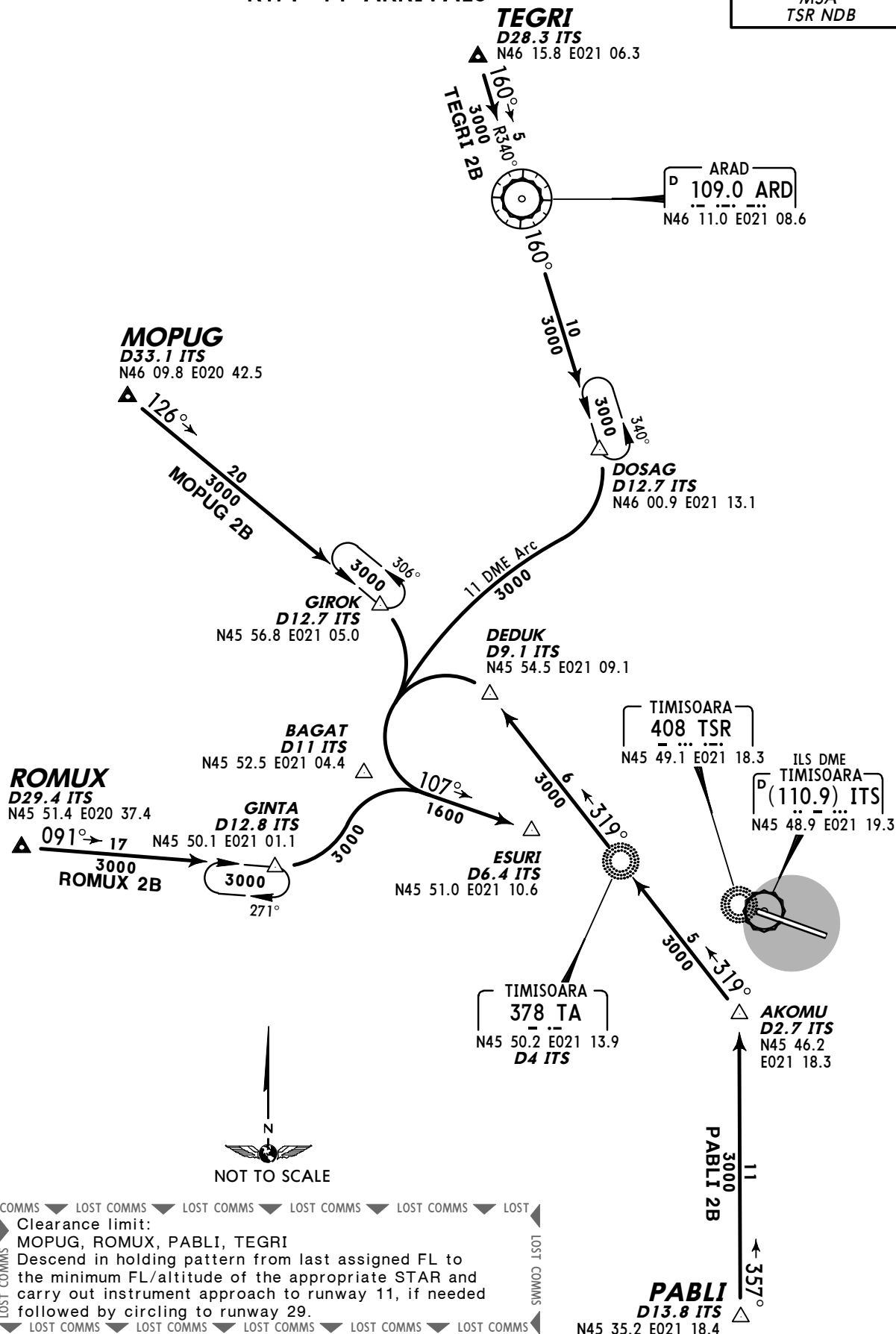
ATIS
123.12

Apt Elev
348'

Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 3000'



MOPUG 2B [MOPU2B], PABLI 2B[PABL2B]
ROMUX 2B [ROMU2B], TEGRI 2B
RWY 11 ARRIVALS



LRTR/TSR

Apt Elev **348'**
N45 48.6 E021 20.3

JEPPESSEN

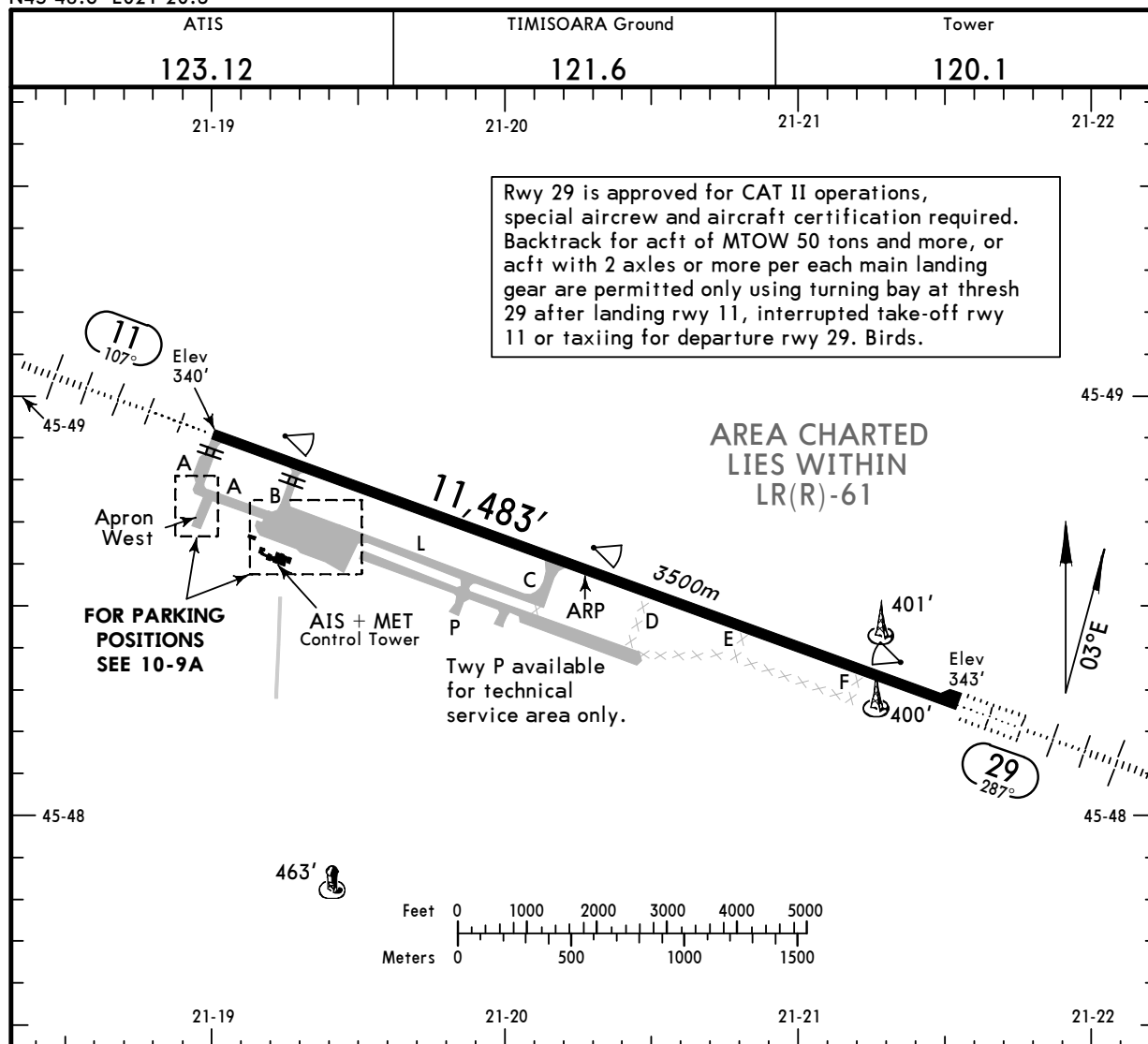
5 NOV 10

(10-9)

Eff 18 Nov

TIMISOARA, ROMANIA

TRAIAN VUIA



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond		
11	HIRL (60m) CL (15m) HIALS PAPI-L (3.0°) RVR		10,511' 3204m	1	148' 45m
29	HIRL (60m) CL (15m) ALSF-II TDZ PAPI-L (3.0°) RVR		10,346' 3154m		

1 TAKE-OFF RUN AVAILABLE

RWY 11:

From rwy head 11,483' (3500m)
twy B int 10,115' (3083m)

RWY 29:

From rwy head 11,483' (3500m)
twy E int 8202' (2500m)
twy C int 5249' (1600m)

Standard

TAKE-OFF 1

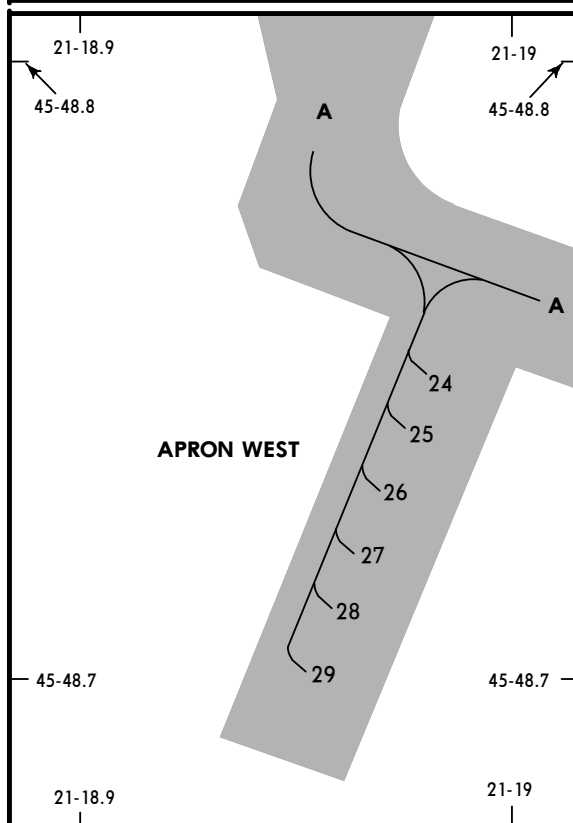
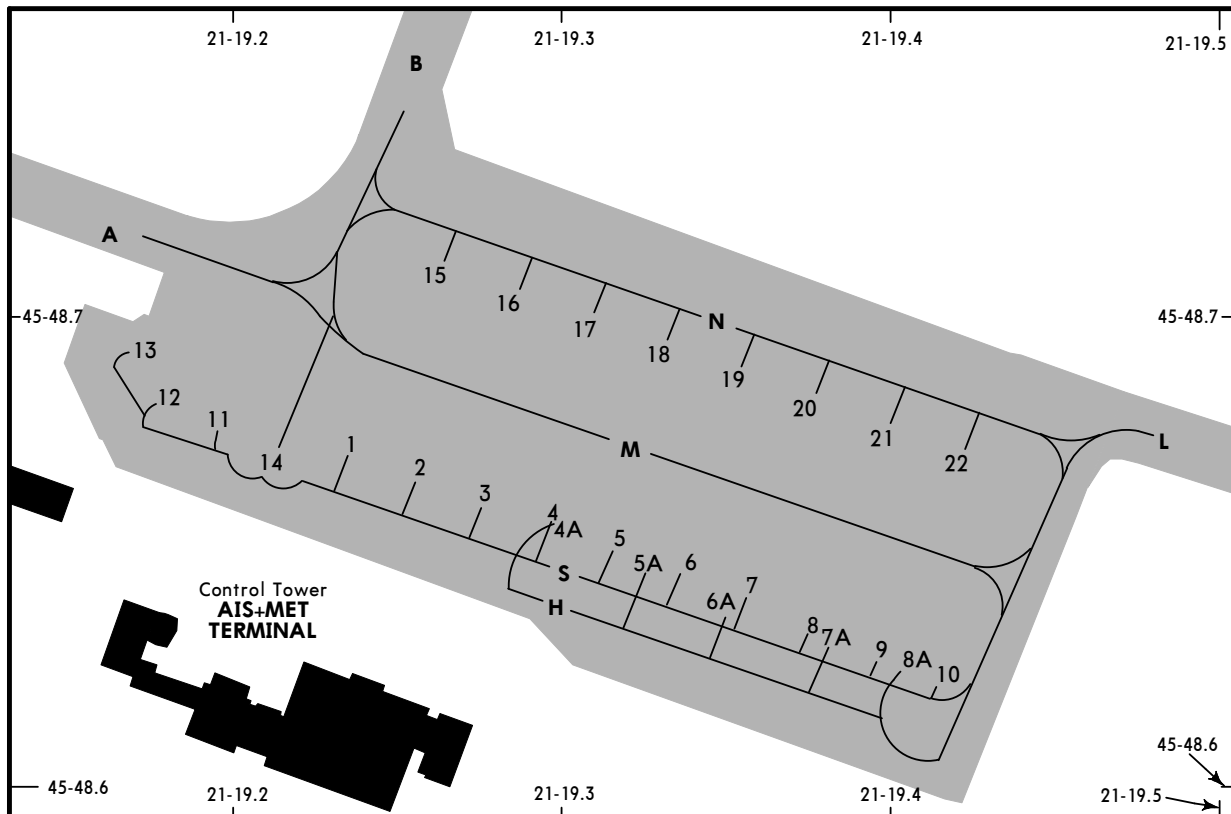
	LVP must be in Force				NIL (DAY only)
	Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	
A					
B	125m	150m	200m	250m	400m 500m
C					
D	150m	200m	250m	300m	

1 Operators applying U.S. Ops Specs: CL required below 300m; approved guidance system required below 150m.

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 5 NOV 10 **10-9A** **Eff 18 Nov**

TIMISOARA, ROMANIA
 TRAIAN VUIA



INS COORDINATES

STAND No.	COORDINATES
1	N45 48.7 E21 19.2
2	N45 48.7 E21 19.3
3 thru 5A	N45 48.6 E21 19.3
6 thru 9	N45 48.6 E21 19.4
10	N45 48.6 E21 19.5
11 thru 14	N45 48.7 E21 19.2
15 thru 18	N45 48.7 E21 19.3
19 thru 21	N45 48.7 E21 19.4
22	N45 48.6 E21 19.4
24 thru 29	N45 48.7 E21 19.0

LRTR/TSR**JEPPesen****TIMISOARA, ROMANIA**

5 NOV 10

10-9B

Eff 18 Nov

TRAIAN VUIA

LOW VISIBILITY PROCEDURES**CRITERIA FOR THE INITIATION AND TERMINATION OF LVP****APPROACH AND LANDING**

- The preparation phase will be implemented when VIS falls below 1500m and is deteriorated to 800m or ceiling is 500ft and is deteriorated to 200ft and CAT II OPS are expected.
- The OPS phase will be commenced when the RVR falls below 600m (VIS falls below 800m) or ceiling is below 200ft.
- LVP will be terminated when RVR is greater than 600m and ceiling is greater than 200ft and a continuing improvement in these conditions is anticipated.

TAKE-OFF

- LVP OPS will be provided when requested by an acft operator to conduct Low Visibility Take-off (LVTO) when the RVR is below 400m.
- If LVP OPS are not in force, LVTO must be requested a min of 30 min in advance to permit the appropriate preparations.

GROUND MOVEMENT RESTRICTIONS

- Acft movements on manoeuvring area to/from RWY 11/29 should be made using the Std Taxi Routes.
- Upon receiving taxi clearance, acft must only proceed when a green centerline path is illuminated.
- During LVTO, taxiing is normally restricted to one acft movement at a time. Operation of vehicles on the manoeuvring area is not permitted when LVTO is in progress.

DESCRIPTION OF LVP**1. CAT II APPROACH AND LANDING**

- Pilots will be informed by ATIS or RTF when LVP are in operation;
- The LOC sensitive area will be protected when a landing acft is within 4 NM from touchdown.
ATC will provide suitable spacing between acft on final apch to achieve this objective.

2. LOW VISIBILITY TAKE-OFF

Acft movements on the apron must be carried out with the direction of a "FOLLOW-ME" car.

STANDARD TAXI ROUTES**1. ARRIVAL INFORMATION**

Arrival on	Instruction given by ATC				Taxiway to be followed	Remarks	
		Taxi Route					
RWY 11 or RWY 29	Taxi via standard taxi route	Arrival 1A	To Apron	Stand number	TWY A	Only for acft with wingspan < 52m.	
		Arrival 1B		...	TWY B		
		Arrival 1C		...	TWY C, L		
RWY 11		Arrival 1D		Stand number 15 thru 22 or 8 thru 10	Turn around on RWY before intersection with TWY E (on first 2500m of RWY 11), back-track on RWY to TWY C, L	Only for acft with wingspan < 36m.	
RWY 11 or RWY 29		Arrival 2A	To Apron West	Stand number	TWY A		Only for acft with wingspan < 24m.
		Arrival 2B		...	TWY B, A		
		Arrival 2C		...	TWY C, L, M, A		

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**JEPPESEN**

TIMISOARA, ROMANIA

5 NOV 10

10-9C

Eff 18 Nov

TRAIAN VUIA

2. DEPARTURE INFORMATION

Departure from	Instruction given by ATC				Taxiway to be followed	Remarks
		Taxi Route				
Apron		DEP 1A		A	TWY A	Only for acft with wingspan < 52m.
		DEP 1B		B	TWY B, turn left, taxi to the end of RWY and line-up THR	
		DEP 1C		C	TWY L, TWY C, turn left, taxi to the end of RWY and line-up THR	Only for acft with wingspan < 36m.
Apron West		DEP 2A		A	TWY A	Only for acft with wingspan < 24m.
		DEP 2B		B	TWY A, TWY B, turn left, taxi to the end of RWY and line-up THR	
Apron	Taxi via Std taxi route	DEP 1D	To holding point	A	TWY A, turn right, taxi to the end of RWY and line-up THR	Only for acft with wingspan < 52m.
		DEP 1E		B	TWY B, turn right, taxi to the end of RWY and line-up THR	
		DEP 1F		C	TWY L, TWY C, turn right, taxi to the end of RWY and line-up THR	Only for acft with wingspan < 36m.
		DEP 1G		C	TWY L, TWY C, turn right, taxi on RWY to intersection with TWY E, turn around, line-up for RWY 29 TORA=8202'/2500m	Only for acft with wingspan < 36m. NOT AVAILABLE FOR LVTO PROCEDURES
Apron West		DEP 2C		B	TWY A, TWY B, turn right, taxi to the end of RWY and line-up THR	Only for acft with wingspan < 24m.
		DEP 2D		C	TWY A, TWY M, TWY L, TWY C, turnright, taxi to the end of RWY and line-up THR	

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JAA MINIMUMS
TIMISOARA, ROMANIA
TRAIAN VUIA

STRAIGHT-IN RWY		A	B	C	D
11	ILS	540' (200')	540' (200')	540' (200')	540' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	730' (390')	730' (390')	730' (390')	730' (390')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
29	NDB DME	730' (390')	730' (390')	730' (390')	730' (390')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	CAT II ILS	443' (100')	443' (100')	443' (100')	443' (100')
		RA 100' R300m	RA 100' R300m	RA 100' R300m	RA 100' R300m
	ILS	543' (200')	543' (200')	543' (200')	543' (200')
		R550m	R550m	R550m	R550m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	640' (297')	640' (297')	640' (297')	640' (297')
		R800m	R800m	R800m	R1200m
	<i>ALS out</i>	R1500m	R1500m	R1600m	R1800m
	NDB DME	650' (302')	650' (302')	650' (302')	650' (302')
		R900m	R1000m	R1000m	R1400m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	NDB	770' (422')	770' (422')	870' (522')	870' (522')
		R900m	R1000m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
Not authorized South of airport	810' (462')	850' (502')	1010' (662')	1050' (702')
	V1500m	V1600m	V2400m	V3600m

TAKE-OFF RWY 11, 29

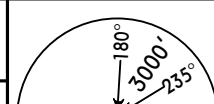
	Approved Operators HIRL, CL & mult. RVR req	LVP must be in Force				RCLM (DAY only) or RL	NIL (DAY only)
		RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL		
A	125m	150m	200m	250m	400m		500m
B							
C							
D	150m	200m	250m	300m			

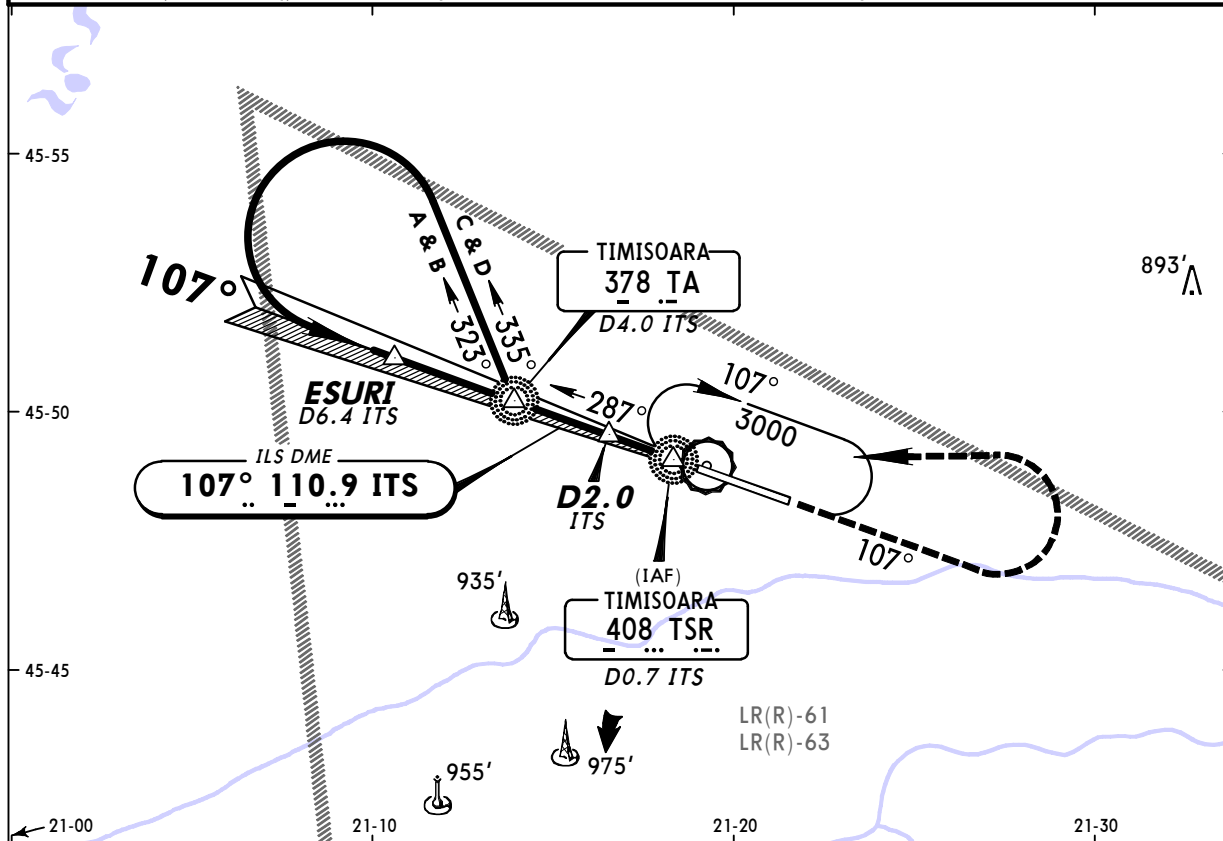
LRTR/TSR
TRAIAN VUIA

JEPPESEN
21 MAY 10 **11-1** **Eff 3 Jun**

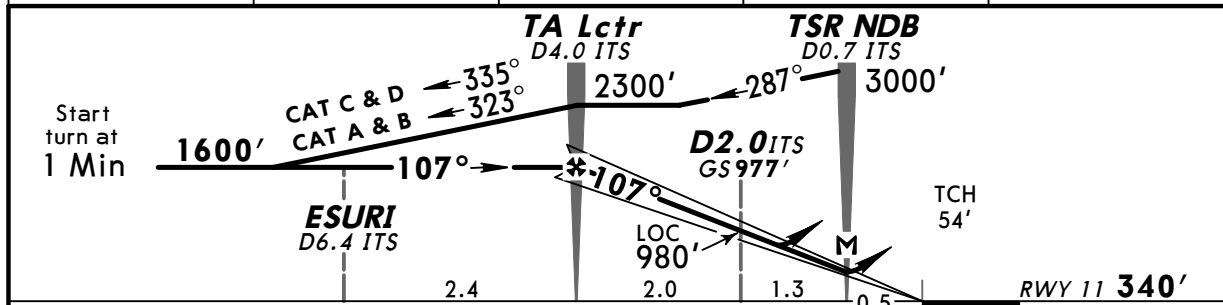
TIMISOARA, ROMANIA
ILS DME Rwy 11

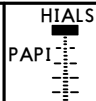
BRIEFING STRIP

ATIS 123.12		Approach Control through Tower TIMISOARA Tower 120.1		Ground 121.6		 MSA TSR NDB
LOC ITS 110.9	Final Apch Crs 107°	GS D2.0 ITS 977' (637')	ILS DA(H) 540' (200')	Apt Elev 348' RWY 340'		
MISSED APCH: Climb STRAIGHT AHEAD to 2000', then turn LEFT to TSR NDB and hold at 3000'.						
Alt Set: hPa (MM on req)		Rwy Elev: 12 hPa		Trans level: By ATC		
						Trans alt: 3000'



LOC (GS out)	ITS DME	3.0	2.0	1.0
	ALTITUDE	1300'	980'	660'



Gnd speed-Kts	70	90	100	120	140	160		2000'	3000'	TSR 408
ILS GS or LOC Descent Angle 3.00°	377	484	538	646	753	861		↑	↩	
MAP at TSR NDB/D0.7 ITS										

Standard STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND Not authorized South of airport		
ILS DA(H) 540' (200')		LOC (GS out) DA(H) 730' (390')				
FULL	Limited	ALS out	ALS out	Max Kts	MDA(H)	VIS
RVR 550m	RVR 750m	RVR 1200m	RVR 1100m	100	810' (462')	1500m
				135	850' (502')	1600m
				180	1010' (662')	2400m
				205	1050' (702')	3600m

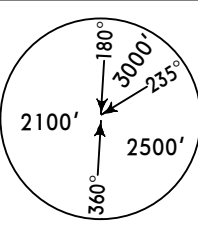
PANS OPS 4

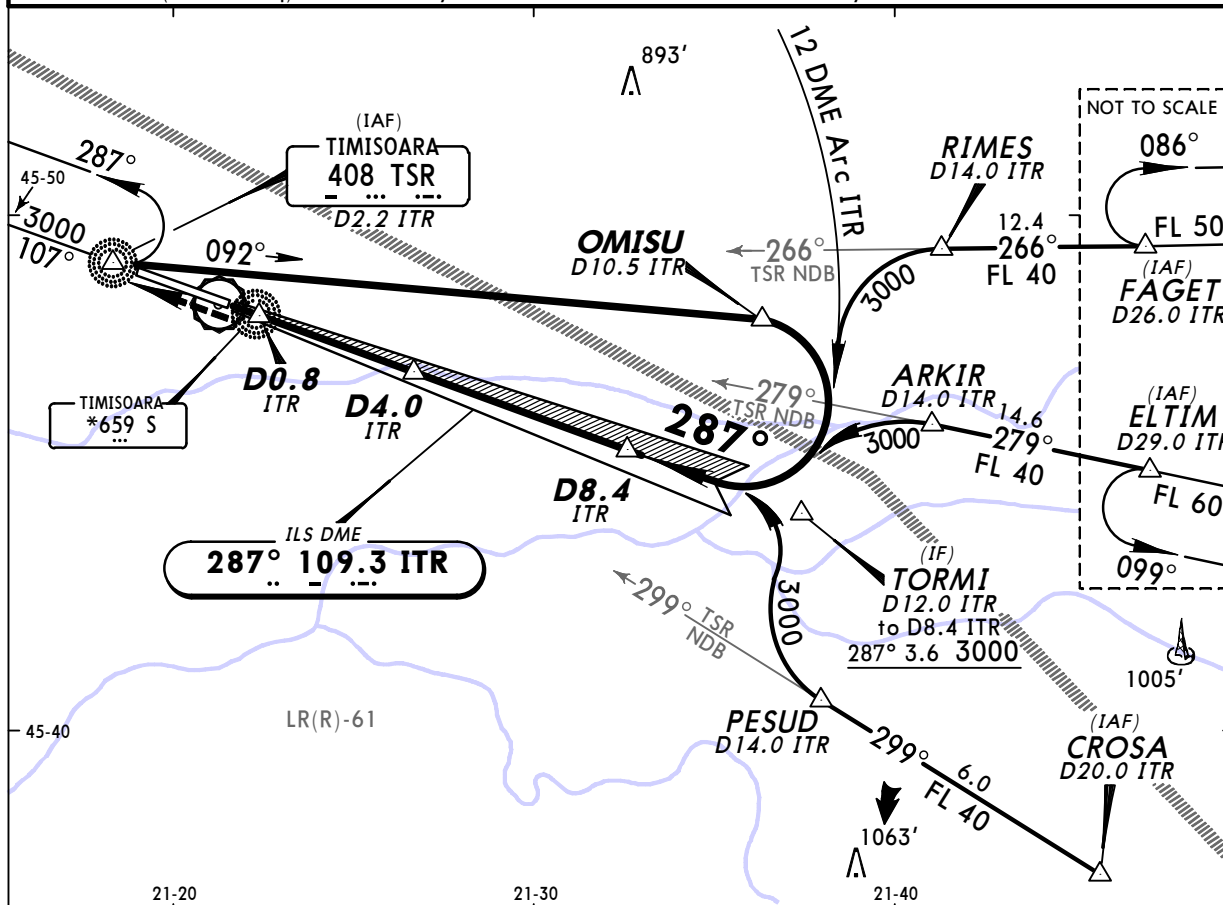
LRTR/TSR
TRAIAN VUIA

JEPPESEN
9 OCT 09 **11-2** **Eff 22 Oct**

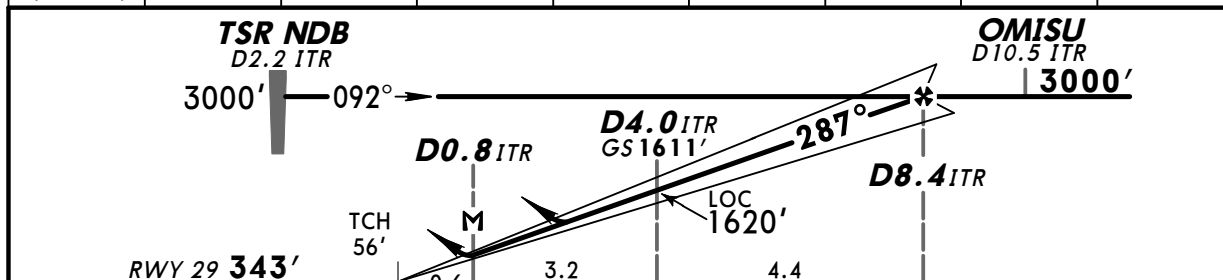
TIMISOARA, ROMANIA
ILS DME Rwy 29

BRIEFING STRIP

ATIS 123.12		Approach Control through Tower TIMISOARA Tower 120.1		Ground 121.6		
LOC ITR 109.3	Final Apch Crs 287°	GS D4.0 ITR 1611' (1268')	ILS DA(H) 543' (200')	Apt Elev 348'	RWY 343'	
MISSED APCH: Climb STRAIGHT AHEAD to TSR NDB and hold at 3000'.						
Alt Set: hPa (MM on req)		Rwy Elev: 12 hPa		Trans level: By ATC		
						Trans alt: 3000'



LOC (GS out)	ITR DME	1.0	2.0	3.0	4.0	5.0	6.0	7.0
	ALTITUDE	660'	980'	1300'	1620'	1930'	2250'	2570'



Gnd speed-Kts	70	90	100	120	140	160		3000'	TSR 408
ILS GS or	377	484	538	646	753	861			
LOC Descent angle 3.00°									
MAP at D0.8 ITR									

STRAIGHT-IN LANDING RWY 29					CIRCLE-TO-LAND		
ILS			LOC (GS out)		Not authorized South of airport		
DA(H) 543' (200')			DA(H) 640' (297')				
FULL	Limited	ALS out		ALS out	Max Kts	MDA(H)	VIS
A					100	810' (462')	1500m
B					135	850' (502')	1600m
C	RVR 550m	RVR 750m	RVR 1200m	RVR 750m	180	1010' (662')	2400m
D					205	1050' (702')	3600m

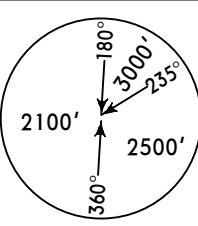
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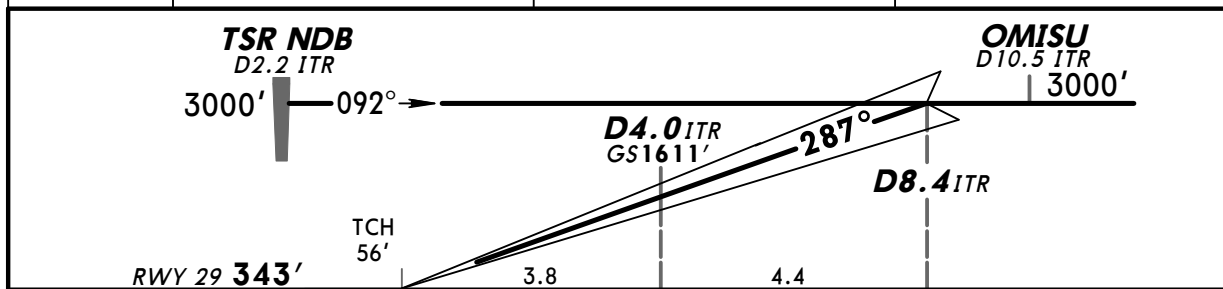
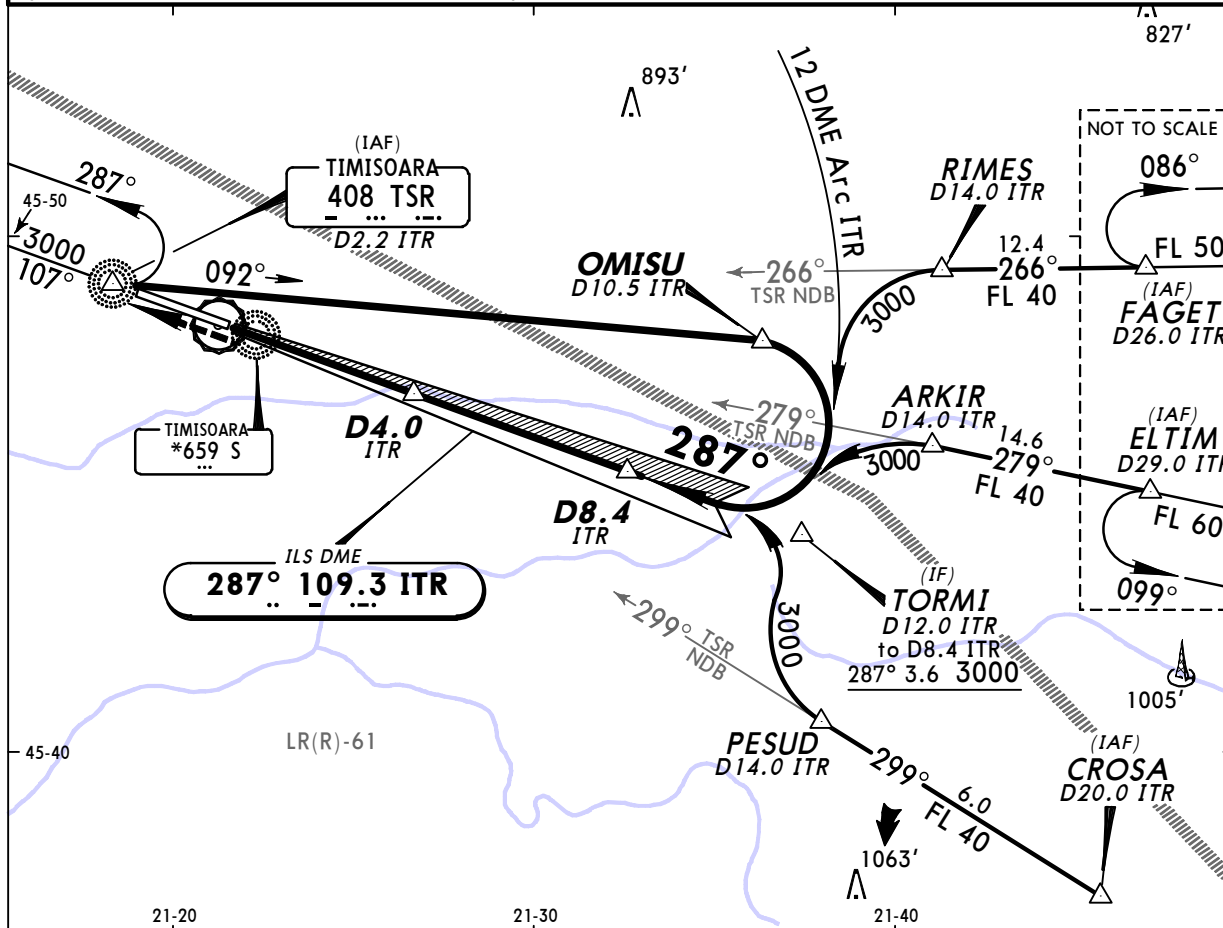
LRTR/TSR
TRAIAN VUIA

JEPPESEN
9 OCT 09
Eff 22 Oct **(11-2A)**

TIMISOARA, ROMANIA
CAT II ILS DME Rwy 29

BRIEFING STRIP

ATIS 123.12		Approach Control through Tower TIMISOARA Tower 120.1		Ground 121.6		
LOC ITR 109.3	Final Apch Crs 287°	GS D4.0 ITR 1611' (1268')	CAT II ILS RA 100' DA(H) 443' (100')	Apt Elev 348'	RWY 343'	
MISSED APCH: Climb STRAIGHT AHEAD to TSR NDB and hold at 3000'.						
Alt Set: hPa (MM on req)		Rwy Elev: 12 hPa		Trans level: By ATC		Trans alt: 3000'
Special Aircrew & Aircraft Certification Required.						



Gnd speed-Kts	70	90	100	120	140	160		3000'	TSR 408
GS	3.00°	377	484	538	646	753			

Standard									
STRAIGHT-IN LANDING RWY 29									
CAT II ILS									
ABCD									
RA 100'									
DA(H) 443' (100')									
RVR 300m									
Operators applying U.S. Ops Specs: Autoland or HGS required below RVR 350m.									

CHANGES: ATIS. Minimums.

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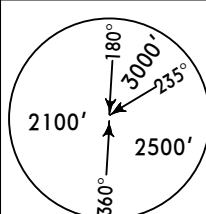
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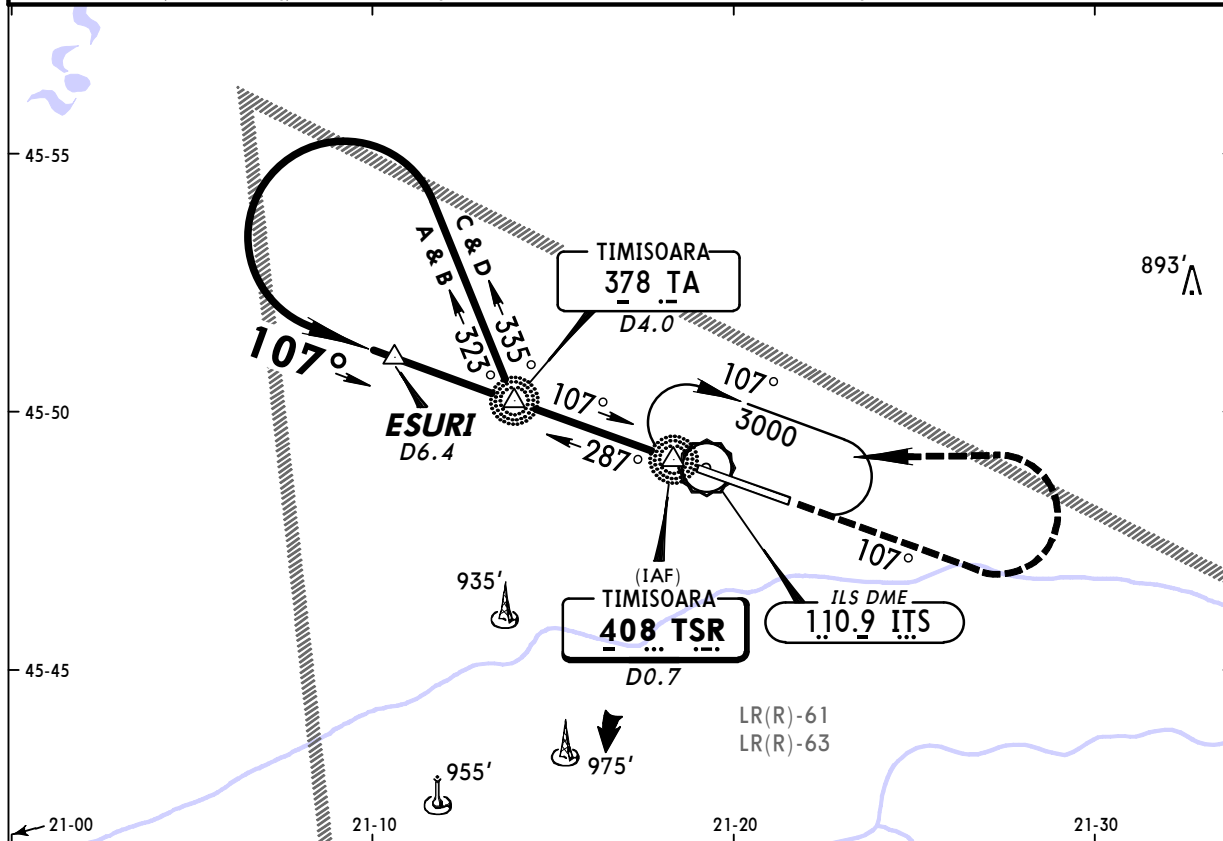
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21 MAY 10 **16-1** **Eff 3 Jun**

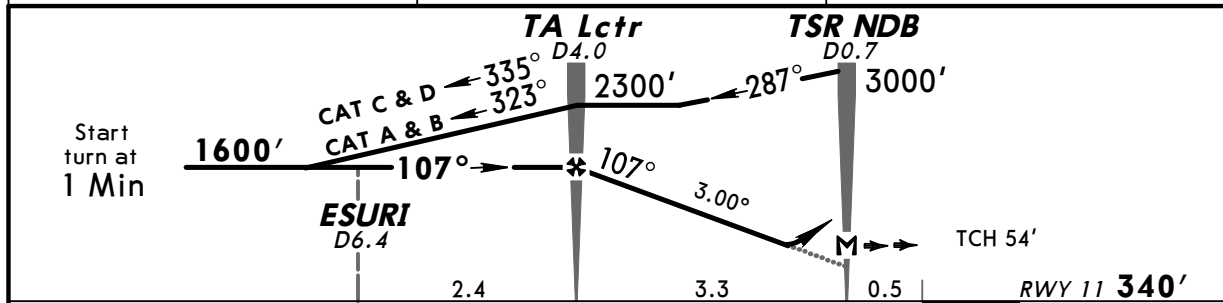
TIMISOARA, ROMANIA
NDB DME Rwy 11

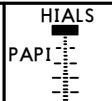
BRIEFING STRIP

ATIS 123.12		Approach Control through Tower TIMISOARA Tower 120.1		Ground 121.6		
NDB TSR 408	Final Apch Crs 107°	Minimum Alt TA Lctr 1600' (1260')	DA(H) 730' (390')	Apt Elev 348' RWY 340'		
MISSED APCH: Climb STRAIGHT AHEAD to 2000', then turn LEFT to TSR NDB and hold at 3000'.						
Alt Set: hPa (MM on req)		Rwy Elev: 12 hPa		Trans level: By ATC		
						Trans alt: 3000'



ITS DME	3.0	2.0
ALTITUDE	1280'	960'



Gnd speed-Kts	70	90	100	120	140	160		2000'	3000'	TSR 408
Descent Angle	3.00°	372	478	531	637	743		↑	↩	
MAP at TSR NDB/D0.7										

Standard				STRAIGHT-IN LANDING RWY 11				CIRCLE-TO-LAND			
				DA(H) 730' (390')				Not authorized South of airport			
				ALS out				Max Kts			
A	RVR 1100m			RVR 1500m			100	MDA(H) 810' (462')		VIS 1500m	
B				RVR 1800m			135	850' (502')		1600m	
C							180	1010' (662')		2400m	
D							205	1050' (702')		3600m	

PANS OPS 4

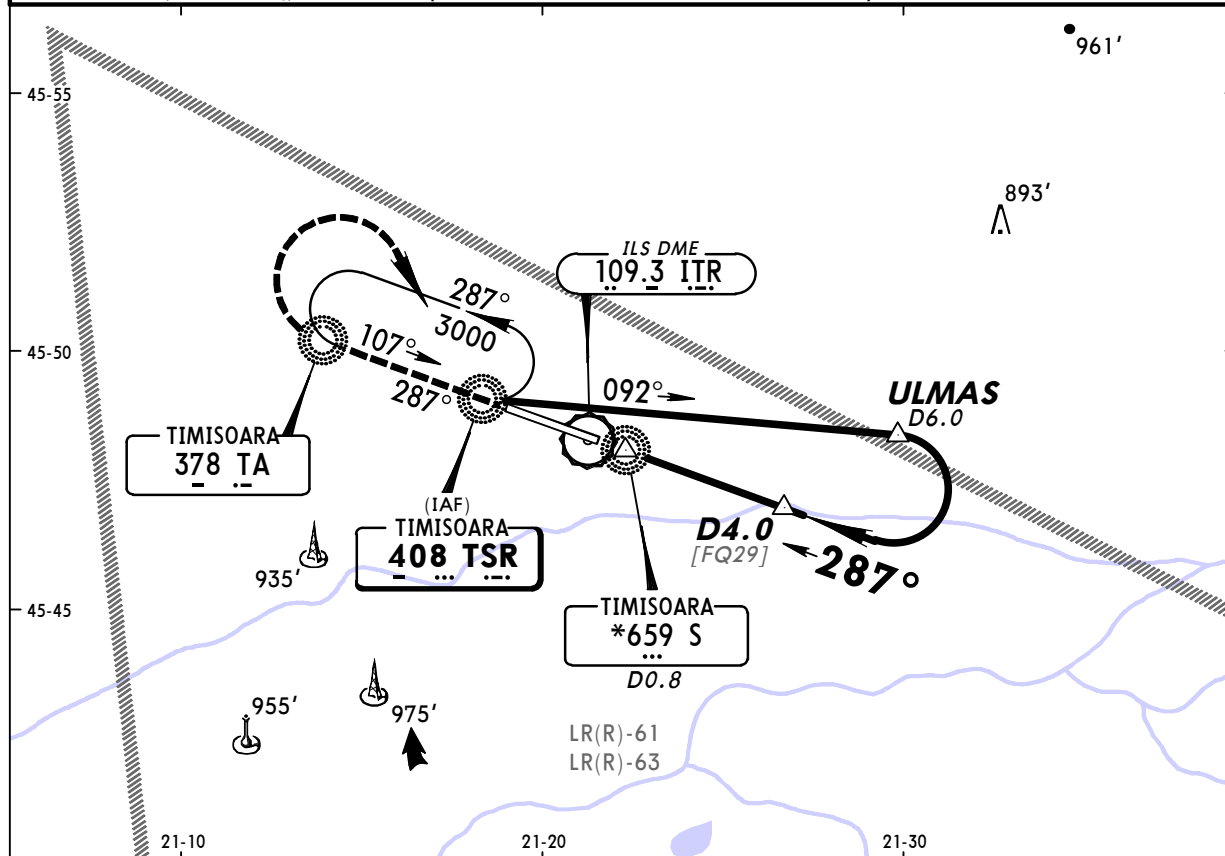
LRTR/TSR
TRAIAN VUIA

JEPPesen
21 MAY 10 **(16-2)** **Eff 3 Jun**

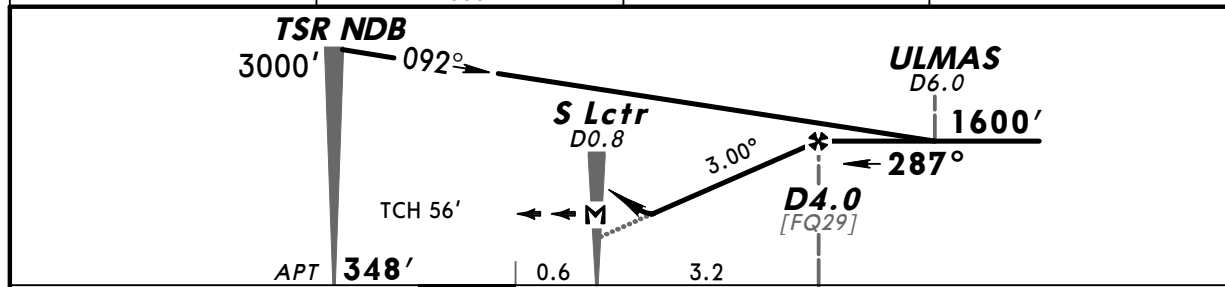
TIMISOARA, ROMANIA
NDB DME Rwy 29

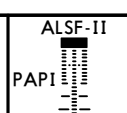
BRIEFING STRIP

ATIS 123.12		Approach Control through Tower TIMISOARA Tower 120.1		Ground 121.6		 MSA TSR NDB
NDB TSR 408	Final Apch Crs 287°	Minimum Alt D4.0 1600' (1252')	DA(H) 650' (302')	Apt Elev 348'		
MISSED APCH: Climb STRAIGHT AHEAD to TA Lctr, then turn RIGHT to join holding at 3000'.						
Alt Set: hPa (MM on req)		Apt Elev: 12 hPa		Trans level: By ATC		Trans alt: 3000'



ITR DME	1.0	2.0	3.0
ALTITUDE	660'	980'	1300'



Gnd speed-Kts	70	90	100	120	140	160		TA 378 ↑
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at S Lctr/D0.8								

Standard STRAIGHT-IN LANDING RWY 29				CIRCLE-TO-LAND Not authorized South of airport			
DA(H) 650' (302')							
		ALS out		Max Kts	MDA(H)	VIS	
A	RVR 750m	RVR 1400m		100	810' (462')	1500m	
B				135	850' (502')	1600m	
C				180	1010' (662')	2400m	
D				205	1050' (702')	3600m	

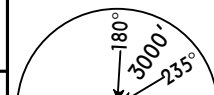
PANS OPS 4

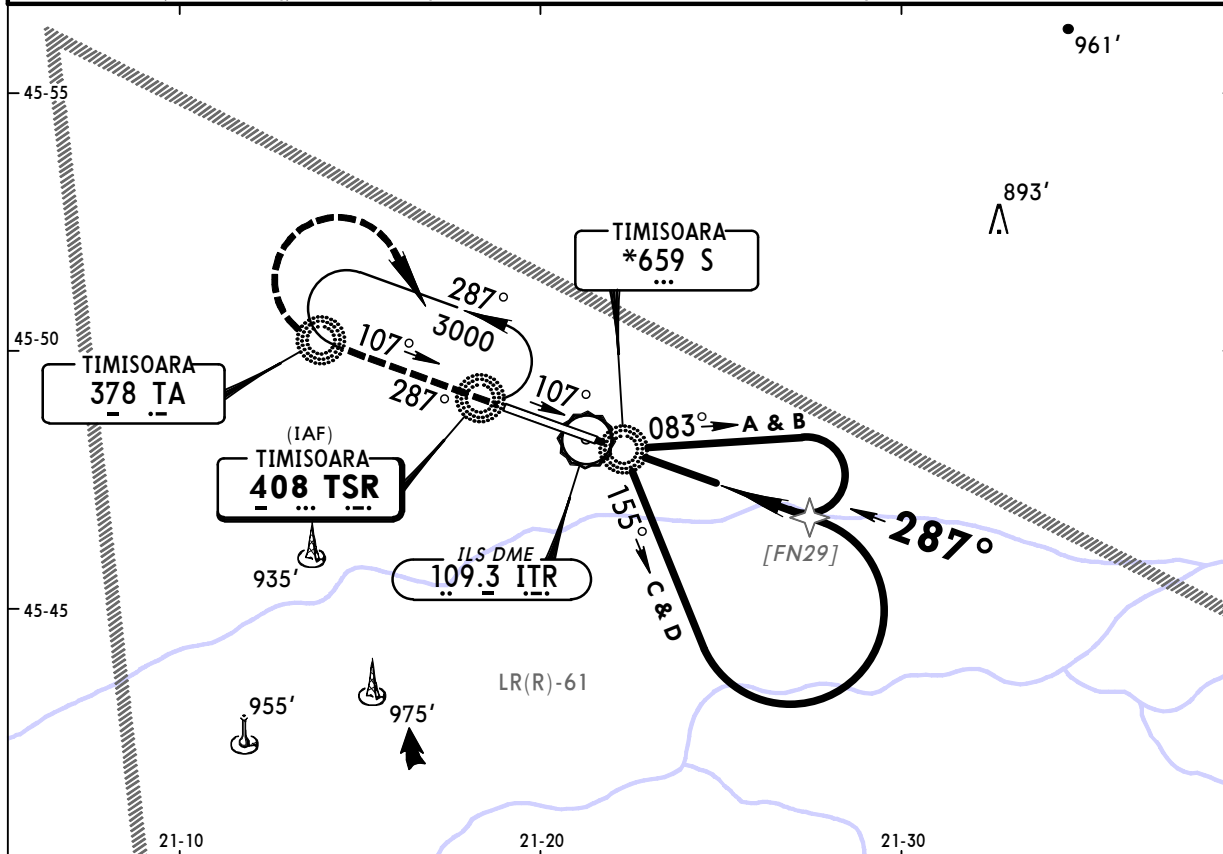
LRTR/TSR
TRAIAN VUIA

JEPPesen
9 OCT 09 **(16-3)** **Eff 22 Oct**

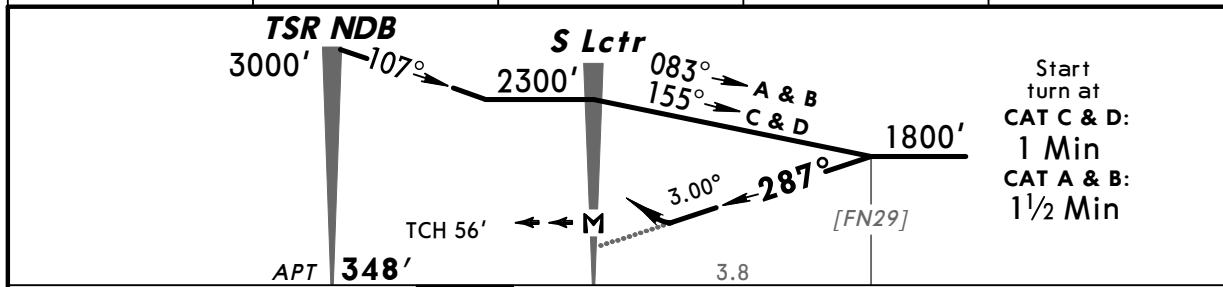
TIMISOARA, ROMANIA
NDB Rwy 29

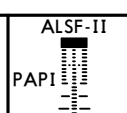
BRIEFING STRIP

ATIS 123.12		Approach Control through Tower TIMISOARA Tower 120.1		Ground 121.6		 MSA TSR NDB
NDB TSR 408	Final Apch Crs 287°	Minimum Alt No FAF	CDFA DA(H) Refer to Minimums	Apt Elev 348'		
MISSED APCH: Climb STRAIGHT AHEAD to TA Lctr, then turn RIGHT to join holding at 3000'.						
Alt Set: hPa (MM on req)		Apt Elev: 12 hPa		Trans level: By ATC		
						Trans alt: 3000'



ITR DME	2.0	3.0	4.0	4.6
ALTITUDE	980'	1300'	1610'	1800'



Gnd speed-Kts	70	90	100	120	140	160		TA 378 ↑
Descent angle 3.00°	372	478	531	637	743	849		
MAP at S Lctr								

Standard				CIRCLE-TO-LAND	
STRAIGHT-IN LANDING RWY 29				Not authorized South of airport	
CDFA		non-CDFA			
DA(H) AB: 770' (422') CD: 870' (522')		MDA(H) AB: 770' (422') CD: 870' (522')			
ALS out		ALS out		Max Kts	MDA(H) VIS
A	RVR 1300m	RVR 1500m	RVR 1500m	100	810' (462') 2200m
B	RVR 1300m	RVR 1500m	RVR 2200m	135	850' (502') 2200m
C	RVR 1700m	CMV 2400m	CMV 2100m	180	1010' (662') 2800m
D	RVR 1700m	CMV 2400m	CMV 2800m	205	1050' (702') 3600m

PANS OPS 4